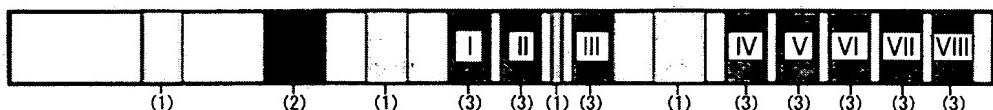


FIG. 1

a



1 MMTFLCTRSGRASGVCECRIAERAYFRVRGLPVANMIGWWPRLCPVMSLALLWACSVGA
61 GSDCKSVAIETDSRIAEQTQQRHLQALFDKYGQNGSISLEGLPNLLKGVLDRIRKVMVH
121 HPGNAHNHTHHDHTHTHVDKLTTAHTHPVTTKKGDMDHSSVEKSDPVPKAQPDPASGKKSQ
181 SDAHHNLYMKMNQESTTALTTPSYVTRSRRTNRSADYDFTQDHASFSPSQPNVTHSNHTH
241 HDEDTPTHQHDDHDEHEHARASLGQNASTILQTHGMRKEASLSVKDFSFLLCPALLMOID
301 SKSCIVHEDEDEHSDHSHHHKHHHHHHHDHQHLOPHPNHTNGRQRNTPVYIAWLGGFLSI
361 TLISLLALVGVVLIPLMNRRVCNFNLLSFLVALAVGTLSGDALLHЛИPHSQGHHHGHSEE
421 HAEEEDSLRPVWTGLTALSGVYIMFLIEHFLTGLKMYDKKNQKVQKRVDLTTEVLESEKL
481 PSLEENDVKIEAAETNGGRALAEAAAEVMLGAELYNDIDCENKCHSHFHD⁽¹⁾TVGQSDEOHHH
541 HHDYHHILHHHHHSQNHHPHTHHRHTHSYSQQHFQEAGVATLAWMVIMGDGLHNFS⁽¹⁾SDGLA
601 IGAAFTEGLSSGLSTSAVFCHELPHELGDFAVLLKAGMSVRQAMLYNLLSALMGYLGMI
661 I⁽³⁾GILIGHYAENVATWI⁽³⁾FALTAGLFMYVALVDMVPEMLHNDASEAGFSHYGFFLLQ⁽³⁾NAGIL
721 LGF⁽³⁾GIMLIIAVFEDRIQLDLGY

(SEQ ID NO: 1)

b

LZT-Zf3	AWM VIM GDGLHNFS DGLAIGAAFT E G LSS GLS TSV AVF C H E L P H E L G D P A V V L K A G M S	(SEQ ID NO: 15)
LZT-Hs3	AWM VIM GDGLHNFS DGLAIGAAFT E G LSS GLS TSV AVF C H E L P H E L G D P A V V L K A G M T	(SEQ ID NO: 16)
LZT-Hs2	AWM VIM GDGLHNFS DGLAIGAAFT E G LSS GLS TSV AVF C H E L P H E L G D P A V V L K A G M T	(SEQ ID NO: 17)
LZT-Hs7	TWMVILLGDGLHNLT DGLAIGAAFS D G F S A G L S T I L A V F C H E L P H E L G D P A M I L L Q S G L S	(SEQ ID NO: 18)
LZT-Hs5	PYMITLGDAVHNFI DGLAIGAAFASSWKTG L A T S L A V F C H E L P H E L G D P A L L H A G L S	(SEQ ID NO: 19)
LZT-Hs8	A I M I L V G D S L H N F I D G L A I G A A F S S S S E G V T I I I A I L C H E I P H E M G D P A V V L L S S G L S	(SEQ ID NO: 20)
LZT-Hs6	AWM ITLC DAL H N F I D G L A I G A S C T L S L Q G L S T S I A I C E E F P H E L G D F V I I N A G M S	(SEQ ID NO: 21)
LZT-Hs4	AWM ITLS D G L H N F I D G L A I G A S F T V S V F Q G I S T S V A I L C E E F P H E L G D F V I I N A G M S	(SEQ ID NO: 22)
LZT-Hs9	G Y L N L A I T D N F T H G L A V A A S F L V S K K I G I I U T M A I L I H E I P H E V G D F A I I V Q S G C S	(SEQ ID NO: 23)
LZT-Hs1	G Y L N L A A D L A H N F T D G L A I G A S F R G G R G L G I I T T M T V I I H E V P H E V G D F A I I L L R A G F D	(SEQ ID NO: 24)

The diagram illustrates the genomic organization of HNF and HEXPHE genes. HNF is positioned on TM IV, and HEXPHE is positioned on TM V. Transcription arrows indicate the direction of gene expression.

C

A black and white photomicrograph showing a tissue section with various cellular structures. The image is framed by a thick black border.

A black and white micrograph showing a large, roughly circular, granular mass. The interior is dark and textured, while the outer edge is more defined and lighter in tone. A small, bold letter 'f' is positioned in the top left corner of the image frame.

g

A high-contrast, black-and-white micrograph showing a dark, roughly circular object against a lighter background. The object has some internal texture or structure visible around its perimeter. In the top left corner of the image frame, there is a large, bold, lowercase letter 'h'. To the right of the image, there is some very small, illegible text.

j STAT3-MO

FIG. 2

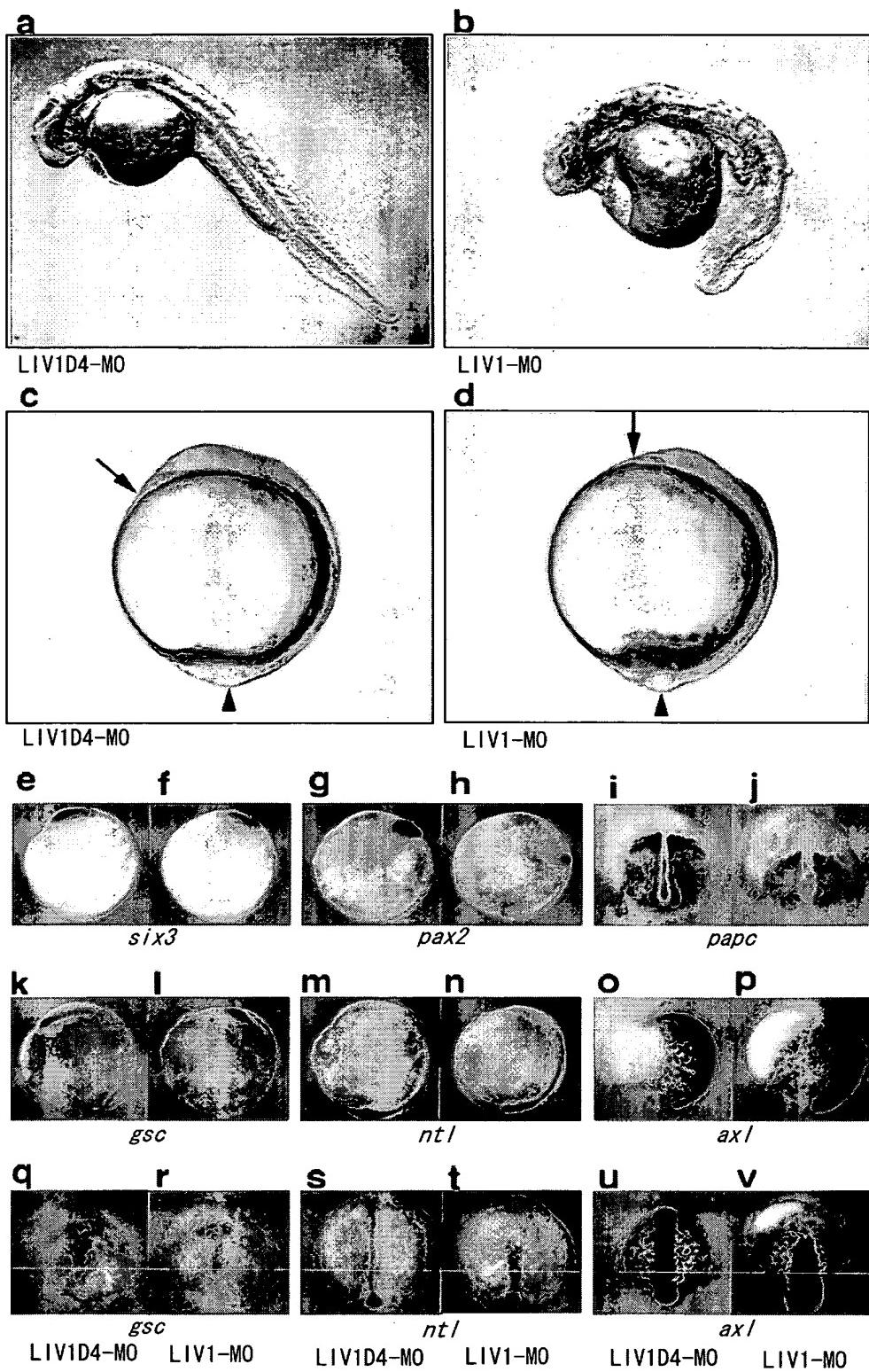


FIG. 3

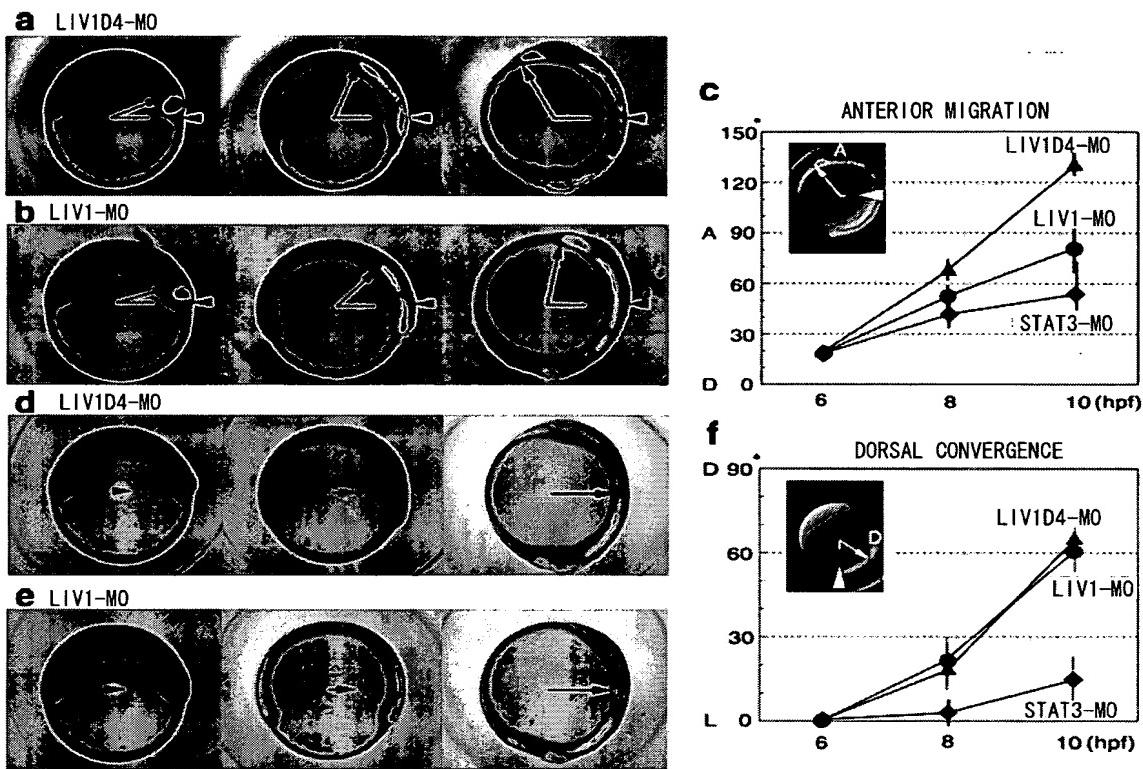


FIG. 4

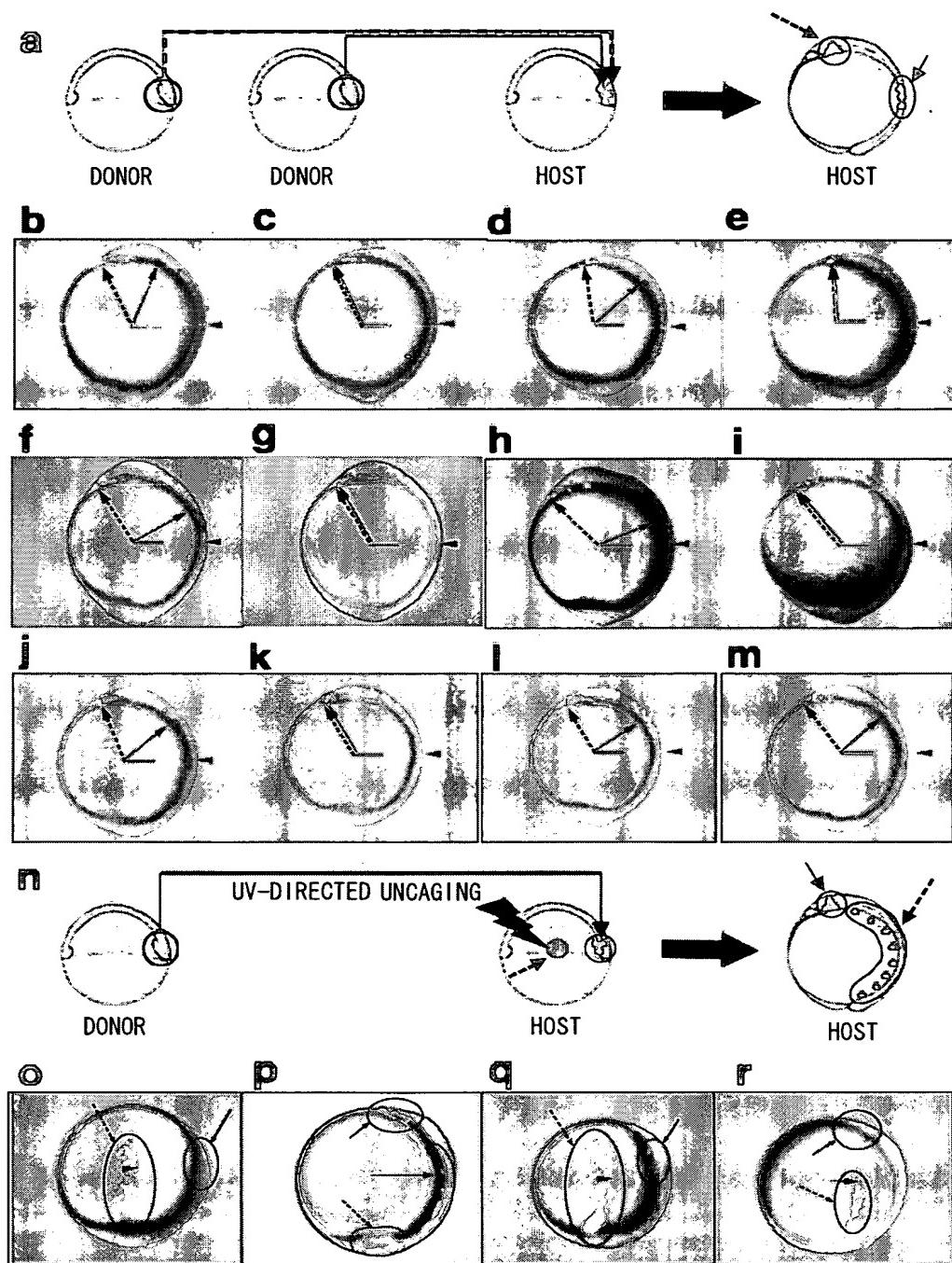


FIG. 5

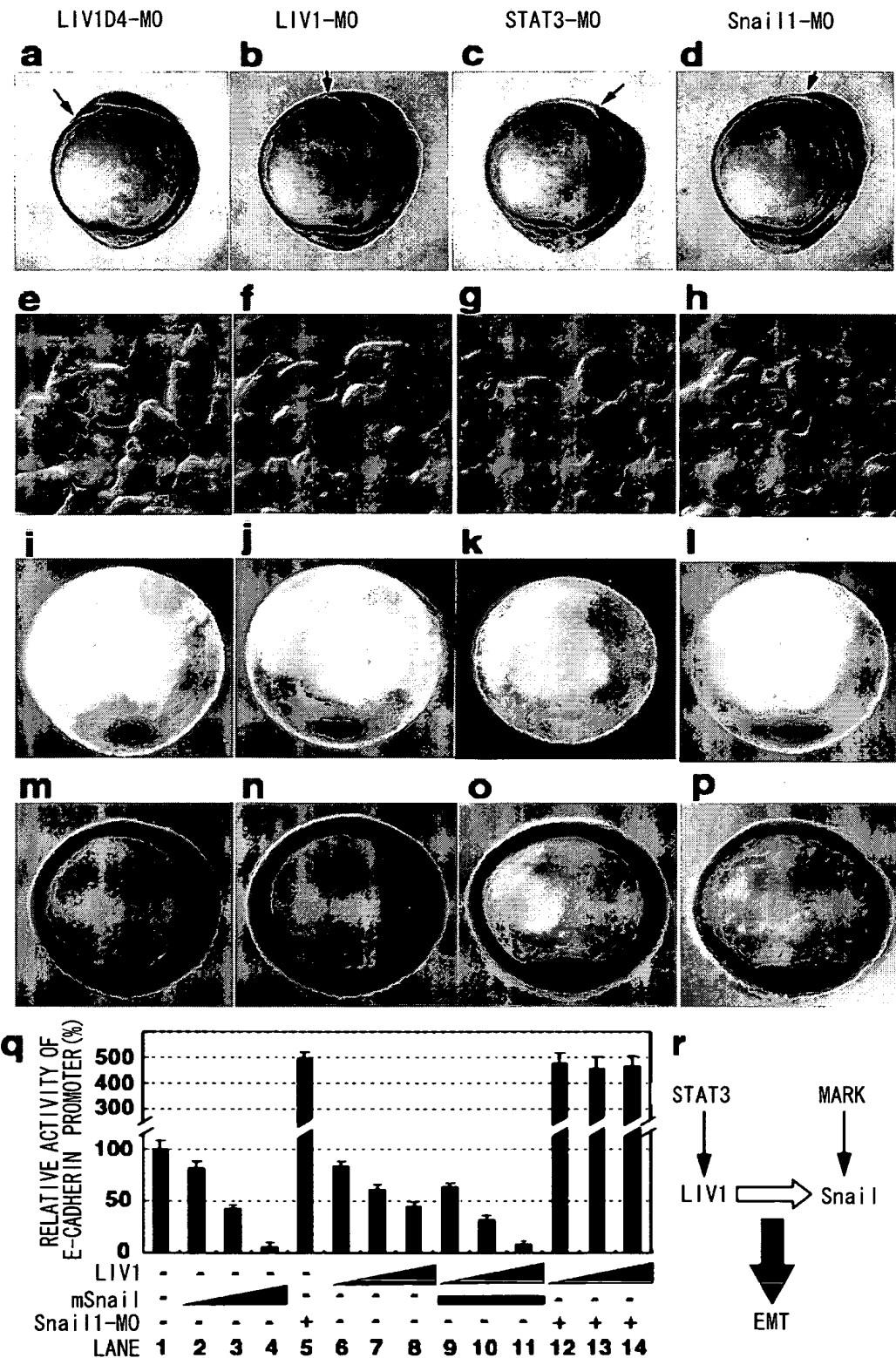
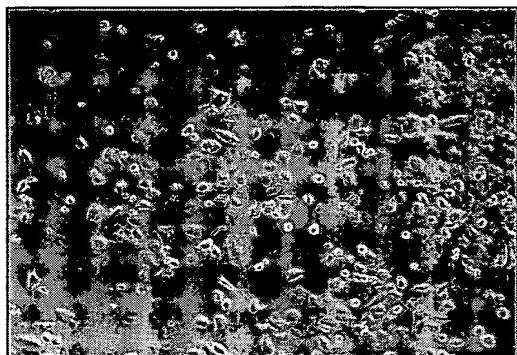


FIG. 6

MORPHOLOGY OF DU145 CELLS

+ CONTROL



+shRNA hLIV1

